

PATENT

BASS REFLEX ACOUSTICAL ENCLOSURE WITH TWO
SPEAKERS TO ENHANCE ACOUSTICAL PERFORMANCE

ABSTRACT OF THE DISCLOSURE

An apparatus and method is disclosed for enhancing the acoustical performance of a dual chamber bass reflex acoustical enclosure. The apparatus of the invention comprises a first speaker placed within a partitioning wall between a first chamber and a second chamber of the acoustical enclosure. The apparatus of the invention also comprises a second speaker placed within an external wall of the first chamber of the acoustical enclosure. The first speaker and the second speaker are electrically connected in phase. The apparatus of the invention extends the low frequency response of the acoustical enclosure to approximately thirty Hertz.